

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

I hereby declare, as a named inventor of the invention identified herein, that my residence, post office address and citizenship are as stated below next to my name; that I verify and believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE: Isolated Control Apparatus Incorporating Light Controlled Power Semiconductors

which is described and claimed in the specification: a. attached hereto; b. filed as U.S. Patent Appln. Serial No. and amended on ; c. X identified by the Assignee as reference number and assigned by my attorney ATTORNEY DOCKET NUMBER APT1:027.

I hereby declare that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above, and hereby acknowledge the duty to disclose information of which I am aware which is material to this application for patent on the invention described in the above-identified specification in accordance with 37 C.F.R. §1.56.

I hereby claim priority benefits under 35 U.S.C. §119 based on the following foreign applications(s) filed within one year prior to this application:

PRIORITY: None

The following applications for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) (INSERT "NONE" IF NO CORRESPONDING CASES): None

I hereby appoint Marc A. Rossi (Reg. No. 31,923) as my attorney of record with full power of substitution and revocation to prosecute this application, to transact all business in the Patent Office, and to insert on this document the Attorney Docket Number assigned to this application. I further direct that all correspondence in connection with this application be sent to my attorney at the address provided below:

ROSSI & ASSOCIATES
P.O. BOX 826
ASHBURN, VA 20146-0826
(703) 904-4332

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor's Name: ORVED SHLOMO FRANK ZUCKER

Given Name Middle Initial Family Name

Residence: 2201 N ST NW WASHINGTON DC

City State/Province Country

Mailing Address: SAME

Street/P.O. Box

City State/Province Zip Country

Citizenship: USA

Signature: [Signature] Date: 2/3/00

ADDITIONAL INVENTORS PROVIDED ON ATTACHED PAGES YES NO X

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VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY
STATUS (37 C.F.R. § 1.9(f) AND 1.27(c)) - Small Business Concern

I hereby declare that I am the owner and/or an official empowered to act on behalf of the small business concern identified below:

APTI, Inc.
1250 Twenty-Fourth Street, N.W.
Washington, D.C. 20037

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 37 C.F.R. § 1.9(d) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35 of the United States Code to the Patent and Trademark Office with regard to the invention entitled:

Isolated Control Apparatus Incorporating Light Controlled Power Semiconductors

described and claimed in the specification attached hereto, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the small business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that the rights under contract or law have been conveyed to and remain with the small business concern with respect to the above-identified invention.

I acknowledge the duty to file, in this application or with regard to any patent issuing therefrom, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at this time paying, the earliest of the Issue Fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon, or any patent to which this verified statement is directed.

Print Name of Person Signing: LEONARD T. LYNCH, JR

Address: c/o APTI, Inc., 1250 24th Street, N.W., Washington, D.C.

Title: Vice Pres. Signature: L. Lynch, Jr Date: 10 July 2000

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